

**SYSTEM AND METHOD FOR PREINTEGRATION OF UPDATES TO AN
OPERATING SYSTEM**

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ABSTRACT OF THE DISCLOSURE

An operating system has security updates preintegrated to reduce vulnerability of the operating system to malicious programs, such as worms. Preintegration writes update files over corresponding operating system files before boot of the operating system so that malicious programs are not provided an opportunity to attack the operating system during a post-boot security update. An update package extracts update files, such as QFE files, and prepares the update files within a file and directory structure corresponding to the operating system. An overwrite engine running on an alternative operating system writes the update files to the operating system so that the operating system boots secure from attack by worms that the updates are intended to prevent.

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